ION ITX

ZOTAC
It's Time to Play.

a-SERIES

SKU: ION ITX-A-B/C/E/U

Experience fluid and vivid high-definition video playback with the ultra-compact ZOTAC ION™ motherboard. The mini-ITX form factor ZOTAC ION™ motherboards combine a high-performance NVIDIA® ION graphics processor with a power-efficient Intel® Atom™ processor for the ultimate eco-friendly platform that has no troubles handling regular web browsing, e-mail, productivity and HD video playback tasks.

NVIDIA® PureVideo™ HD technology harnesses the power of the NVIDIA® ION™ GPU's 16 high-speed stream processors for high-definition Blu-ray playback capabilities. PureVideo™ HD technology decodes HD video formats and enhances standard-definition videos with the NVIDIA® ION™ GPU for flawless HD and superior SD video playback.

Specifications

- NVIDIA® ION™ graphics processor
- Graphics Engine Clock: 450 MHz
- Shader Clock: 1100 MHz
- 16 stream processors

Processor support

- Intel® Atom™ 330 (1.6 GHz, dual-core)
- 533 MHz front-side bus
- Intel® HyperThreading™ technology

Memory support

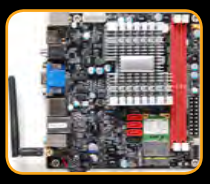
- DDR2 667/800
- 2 x 240 pin DDR2 DIMM slots
- Up to 4GB ram

Expansion

- Mini PCI Express (occupied by WiFi module)

Dimensions

- Mini-ITX form factor
- Height: 6.7in - 170mm
- Width: 6.7in – 170mm



Rear port layout

Inside the box

- 3 SATA cable
- 1 SATA power adapter
- 1 WiFi antenna
- 1 I/O back plate
- 1 CPU fan (optional install)
- 1 Power adapter

Features

- NVIDIA® PureVideo™ HD technology
- NVIDIA® CUDA™ Ready
- NVIDIA® PhysX™ Ready
- NVIDIA® MediaShield™ Storage & RAID technology
- Microsoft® DirectX 10
- Microsoft® Windows® 7 Premium ready
- Integrated 802.11n WiFi
- Onboard DC/DC power supply

Storage support

- 3 SATA 3.0 Gb/s ports
- 1 eSATA 3.0 Gb/s port
- SATA RAID 0, 1, 0 + 1

Connectors

- 10 USB ports (6 on back panel, 4 via pin header)
- 1 Serial port header
- 1 HD Audio Port (Line-in, Line-out, Mic-in)
- 1 PS/2 keyboard port
- 2 Digital S/PDIF outputs (1 optical, 1 coaxial)
- 1 WiFi antenna connector
- 1 DC power jack
- 1 MOLEX power connector (Can power up to 3 SATA)

Display outputs

- VGA
- DVI-D
- HDMI (w/7.1-channel Audio)
- NVIDIA® nView™ multi-display (up to 2 monitors)
- HDCP ready

Size comparison

PhysX by NVIDIA · NVIDIA PureVideo HD · NVIDIA ION

© 2009 ZOTAC International (MCO) Limited

ZOTAC International (MCO) Limited does not warrant the accuracy, completeness or reliability of information, materials and other items contained on this website or server. No liability is assumed with respect to the use of the information contained herein. When accessing this website, users acknowledge that ZOTAC International (MCO) Limited will not be liable in any event for any damages arising out of the use of this site or any websites linked to it.